

Application No. 10/717,106  
Amendment dated March 1, 2005

**Amendments to the Claims:**

Please cancel, without prejudice, claims 1-11, and 16.

Claims 1-11 (cancel)

Claim 12 (currently amended): A photoluminescent aluminate comprising  $\text{SrAl}_2\text{O}_4\text{:Eu,Dy,Gd,Sc}$  wherein the following materials and quantities are combined and reacted to form the aluminate:

$\text{SrCO}_3$  (1.0 mole)  
 $\text{Al}_2\text{O}_3$  (1.0 mole)  
 $\text{Eu}_2\text{O}_3$  (0.005 mole)  
 $\text{Dy}_2\text{O}_3$  (0.01 mole)  
 $\text{Gd}_2\text{O}_3$  (0.005 mole)  
 $\text{Sc}_2\text{O}_3$  (0.005 mole)  
 $\text{B}_2\text{O}_3$  (0.2 mole)

Claim 13 (currently amended): A photoluminescent aluminate as recited in claim 12, wherein said  $\text{SrCO}_3$  and  $\text{Al}_2\text{O}_3$  are combined and reacted to form  $\text{SrAl}_2\text{O}_4 + \text{O}_3$ .

Claim 14 (original): A photoluminescent aluminate as recited in claim 13, wherein said  $\text{SrAl}_2\text{O}_4$  is heat treated prior to being combined with the remaining material at approximately  $1300^\circ\text{C}$ .

Claim 15 (original): A photoluminescent aluminate as recited in claim 13, wherein said  $\text{SrAl}_2\text{O}_4$  is heat treated prior to being combined with the remaining material at approximately  $1450^\circ\text{C}$ .

Claim 16 (cancel)